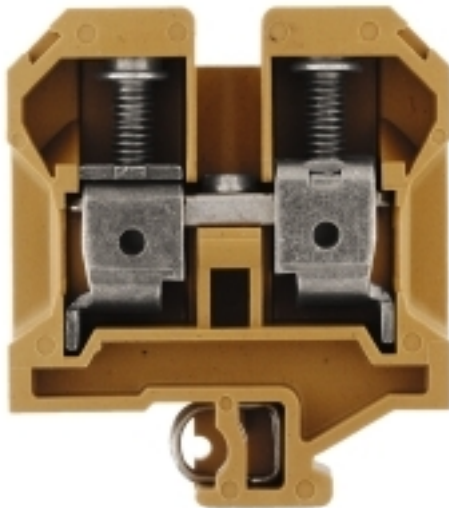


SAK 35N KRG**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Order No.	0550620000
Type	SAK 35N KRG
GTIN (EAN)	4008190168674
Qty.	20 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2020-12-31

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Technical data

Dimensions and weights

Depth	67.5 mm	Depth (inches)	2.657 °C
Height	58 mm	Height (inches)	2.283 °C
Width	16 mm	Width (inches)	0.63 °C
Weight	72.85 g	Net weight	72.6 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	KrG	Colour	medium yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Clamped

CSA rating data

Certificate No. (CSA)	154685-1501714	Current size C (CSA)	120 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	2 AWG
Wire cross section min. (CSA)	12 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	6.5 x 1.2 mm	Clamping range, max.	50 Nm
Clamping range, min.	2.5 Nm	Clamping screw	M 6
Connection cross-section, stranded, max.	50 Nm	Connection cross-section, stranded, min.	4 Nm
Connection direction	on side	Gauge to IEC 60947-1	B8
Number of connections	2	Stripping length	18 mm
Tightening torque, max.	5 inch	Tightening torque, min.	4 inch
Twin wire-end ferrules, max.	16 Nm	Twin wire-end ferrules, min.	1.5 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 12	Wire connection cross section, finely stranded, max.	35 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 Nm
Wire connection cross-section, solid core, max.	16 Nm	Wire connection cross-section, solid core, min.	2.5 Nm

General

Rail	TS 32	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12

Rating data

Rated cross-section	35 Nm	Rated voltage	800 V
Rated current	125 A	Current at maximum wires	125 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.26 °C
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	2 AWG
Conductor size Factory wiring min. (UR)	12 AWG	Conductor size Field wiring max. (UR)	2 AWG
Conductor size Field wiring min. (UR)	12 AWG	Current size C (UR)	100 A
Voltage size C (UR)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate MARITREG Certificate Declaration of Conformity Declaration of Conformity all terminals
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format